UNITED STATES

| SECURITIES A | ND EXCHANGE CO | OMMISSION |
|--|---|-----------------------------|
| | Washington, D.C. 20549 | |
| | FORM 8-K | |
| | CURRENT REPORT | |
| Pursuant to Section 1 | 3 or 15(d) of the Securities Excha | ange Act of 1934 |
| Date of Report | (Date of earliest event reported) August | 10, 2004 |
| BioMar | in Pharmaceutical | Inc. |
| (Exact | name of registrant as specified in its charter) | |
| Delaware (State or other jurisdiction | 000-26727 (Commission File Number) | 68-0397820 (IRS Employer |
| of incorporation) | | Identification No.) |
| 371 Bel Marin Keys Boulevard, Suite | | |
| 210, Novato, California (Address of principal executive offices) | | 94949 (Zip Code) |

Registrant s telephone number, including area code (415) 506-6700

Not Applicable

(Former name or former address, if changed since last report)

Item 7. Financial Statements and Exhibits.

| (a) Financial Statements of Business Acquired. |
|---|
| Not Applicable. |
| (b) Pro Forma Financial Information. |
| Not Applicable. |
| (c) Exhibits. |
| Exhibit 99.1 Press Release of BioMarin Pharmaceutical Inc. (the Company) dated August 10, 2004. |
| Item 12. Results of Operations and Financial Condition. |
| On August 10, 2004, the Company announced financial results for its second quarter and six months ended June 30, 2004. The Company s press release issued on August 10, 2004 is attached hereto as Exhibit 99.1 and is incorporated by reference herein. |
| The press release includes disclosure about historical and estimated pro forma adjusted net loss (a non-GAAP financial measure) for all of the year 2004. Pursuant to the requirements of Regulation G, the Company has provided reconciliations within the press release of the non-GAAP financial measure to the most directly comparable GAAP financial measure, net loss. |
| The Company uses non-GAAP financial measures of its performance, including pro forma adjusted net loss, internally to evaluate its ongoing operations and to allocate resources within the organization. The Company s management does not, nor does it suggest that investors should, |

BioMarin computes its non-GAAP financial measure of pro forma adjusted net loss by adjusting its net loss to exclude the impact of the non-cash amounts related to accounting for the Ascent Pediatrics transaction as a business combination.

consider such non-GAAP financial measures in isolation from, or as a substitute for, financial information presented in accordance with GAAP.

The Company s management does not consider these charges to be a normal component of its expenses related to ongoing operations. These non-GAAP financial measures may not be consistent with the presentation of similar companies in BioMarin s industry. However, the Company presents such non-GAAP financial measures in reporting its financial results to provide investors with an additional tool to evaluate the Company s operating results in a manner that focuses on what it believes to be its ongoing business operations.

SIGNATURES

| Pursuant to the requirements of the Securities Exchange Ac | ct of 1934, the registrant has duly | caused this report to be signed | on its behalf by the |
|--|-------------------------------------|---------------------------------|----------------------|
| undersigned hereunto duly authorized. | | | |

| | BioMarin Pharmaceutical Inc., a Delaware corporation (Registrant) |
|-----------------------|---|
| Date: August 10, 2004 | /s/ Louis Drapeau |
| | Louis Drapeau |
| | Chief Financial Officer |

EXHIBIT INDEX

| Exhibit No. | Description |
|--------------|---|
| | |
| Exhibit 99.1 | Press Release of the Registrant dated August 10, 2004 |